

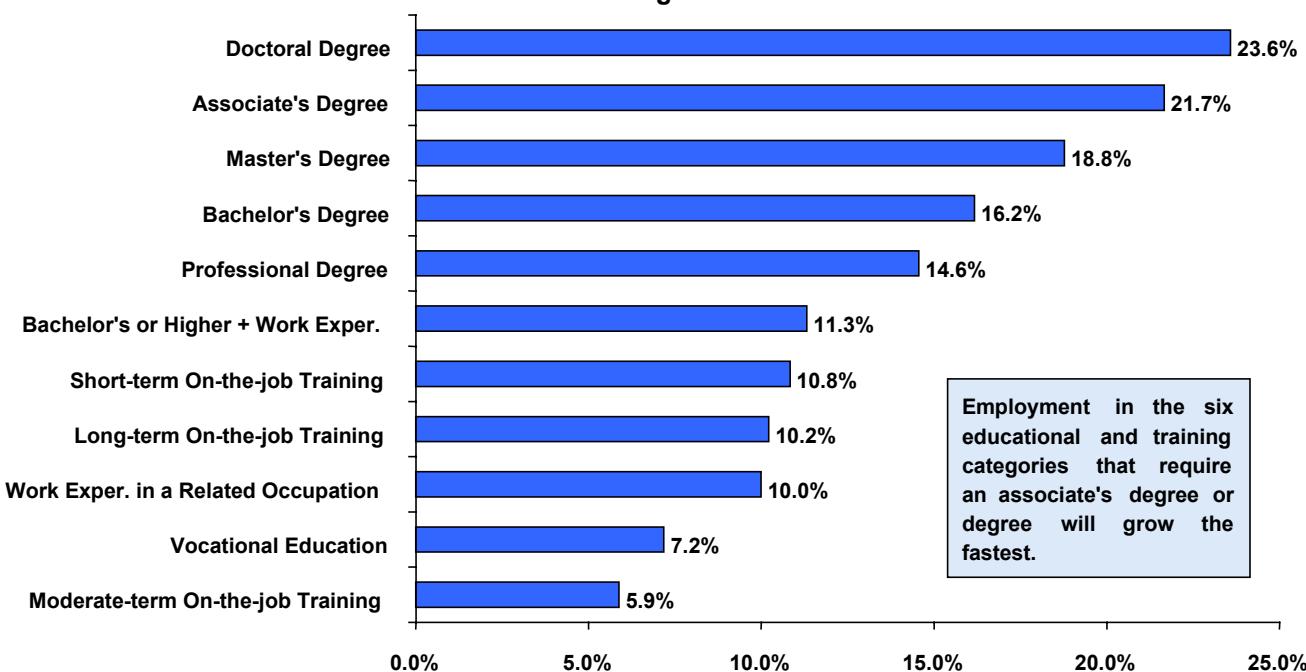
Total occupational employment in Missouri is expected to increase to over 308,000 by 2008. In general, jobs will be available to workers of all educational levels, but advanced education and training will continue to be critical for success in the Missouri workplace. To increase the usefulness of this *Outlook*, each occupation is described by a category that summarizes the type of education and training generally required for that job, ranging from short-term on-the-job training to education at the doctoral or professional degree level. In general, the fastest-growing jobs are those requiring an associate's degree or higher level of education (see chart 4). Also, workers with higher levels of education and training usually have better prospects for higher earnings. Nonetheless, there will be large numbers of new jobs and many job openings in occupations that require less education and experience.

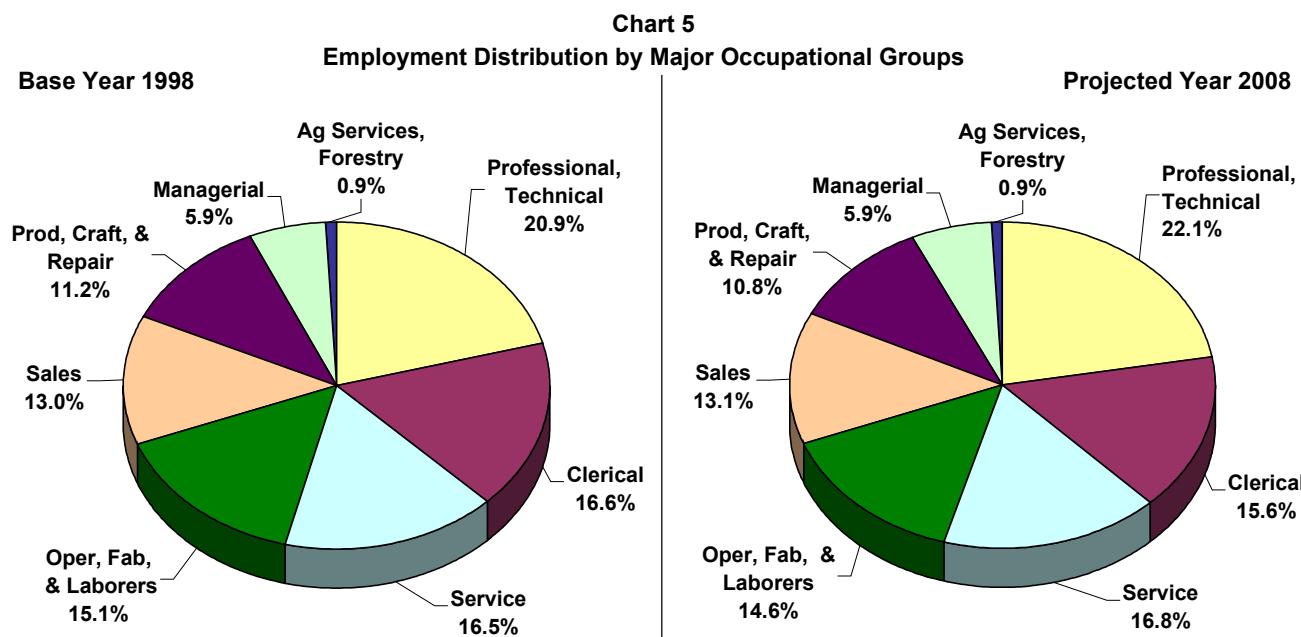
During the 1998-2008 period, job openings in Missouri are projected to average about 98,000 per year. But only 32 percent of these openings will come from employment growth. The remaining 68 percent are expected to stem from replacement needs. These replacement openings occur when workers change occupations, retire or leave the labor force for other reasons. Replacement openings will provide job opportunities even in occupations that are not expected to grow.

Major Occupational Groups

Executives, Administrators, & Managers
Professional, Paraprofessional, & Technical
Administrative Support and Clerical
Marketing and Sales
Service Occupations
Agricultural Services and Forestry
Precision Production, Craft, and Repair
Operators, Fabricators, and Laborers

Chart 4
Employment by Education and Training Categories
Percent Change 1998-2008





The ongoing shift to more professional and technical occupations will continue, as 33 percent of the total growth will occur in the professional, paraprofessional, and technical occupational group. This group is expected to add over 102,000 new jobs by 2008. The group's share of total employment is projected to increase from 20.9 percent in 1998 to 22.1 percent in 2008 (see chart 5). And the group's annual average total openings (22,020) will be the largest among the major groups (see chart 6).

Service occupations should provide the second largest number of new jobs – 60,690. Service occupations should also provide the second greatest number of annual average total openings (20,920). Over 70 percent of these openings are projected to come from replacement needs. The professional group and the service group, which generally have very different educational requirements, are projected to provide 53 percent of the total job growth and 44 percent of the total job openings.

The marketing and sales group is expected to add over 44,000 new jobs by 2008. Job openings for this group are expected to average 14,410 per year. Almost 70 percent of these openings are expected to come from replacement needs.

The smallest group, agricultural services and forestry occupations does not represent all agricultural occupations. It only includes occupations found in agricultural services (veterinary and animal services and landscape and horticultural services) and non-farm industries such as lumber and wood products manufacturing. Its numerical change of 4,900 is only 1.6 percent of total growth.

The second smallest occupational group, executives, administrative and managerial occupations, is expected to increase 11.3 percent by 2008. Job openings for this group are expected to average 4,880 per year. Just over 60 percent of these openings are expected to come from replacement needs.

The lower number of job openings for the remaining groups reflect in part technological changes that will lessen the demand for some of these occupations. Office automation will continue to have a major effect on many occupations in the administrative support and clerical group. The decrease projected for manufacturing employment is also expected to contribute to the slow growth rate in production, repair, and craft occupations and in the operators, fabricators, and laborers occupations.

Executives, Administrators, & Managers

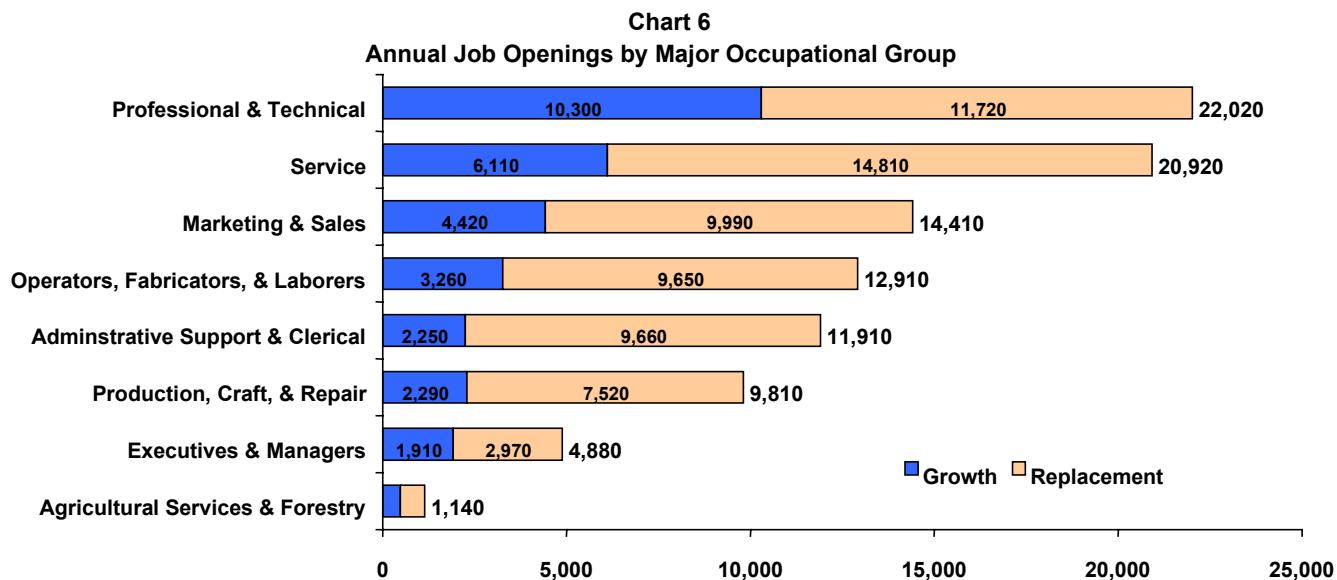
The managerial group is expected to gain almost 19,000 new jobs by 2008. Growth in the services industries, especially business services, health services, educational services, social services and engineering and management services, is the source for much of the growth predicted for managerial occupations. The predicted growth in retail trade and the finance, insurance, and real estate industry will also contribute to the growth of these occupations.

The largest increase is expected in general managers and top executives (5,510). Other large increases are projected for engineering,

math, computer and natural science managers (1,600), medical and health service managers (1,520), advertising, marketing, and public relations managers (1,340), and financial managers (1,250). The highest annual job openings are expected to occur in general managers (1,400), managers and administrators, not elsewhere classified (570), educational administrators (360), and financial managers (350). Most of the job openings in this group are in occupations requiring a college degree plus work experience in a related non-managerial occupation. (See Table 1 and Appendix B for more discussion on the education and training needs of various occupations.)

Professional, Paraprofessional, & Technical

The professional specialty occupations are expected to increase 17.4 percent by 2008. Almost half of the growth for these occupations is expected to occur in the educational and health services industries. Other industries that will be a source of growth for these occupations are finance, insurance and real estate, business services, social services, engineering and



management services, and government.

Computer related occupations are the fastest growing occupations in this group. The catchall occupation - computer scientists, not elsewhere classified - is predicted to grow the fastest at 82.1 percent. Other fast growing computer related occupations include computer engineers (73.9%), computer support specialists (67.8%), and systems analysts (63.3%). The fast growing system analysts and computer support specialists occupations are also projected to undergo some of the largest growth in this group. Employment in the systems analysts occupation is expected to increase over 6,500 by 2008. Computer support specialists employment is expected to increase by almost 5,500.

The largest employment increase in this group is expected for registered nurses (7,860). Large increases are also projected for elementary teachers (3,870), secondary school teachers (6,590), social service assistants (3,540), and teacher aides, paraprofessional (4,540). The highest number of annual job openings are expected to occur in these seven occupations as well.

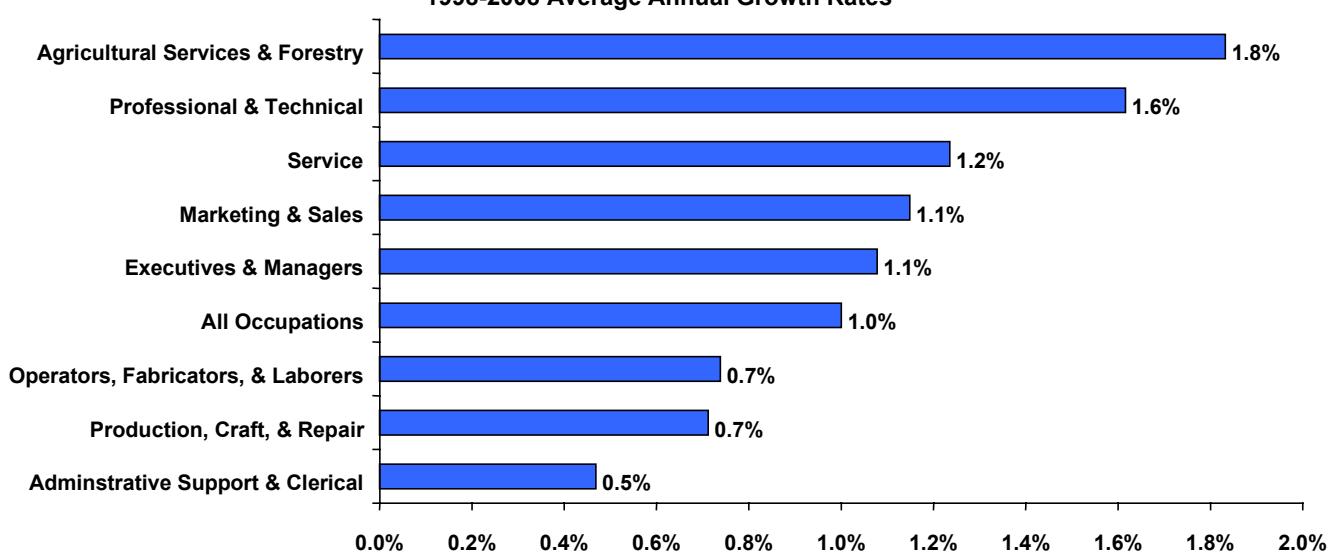
Although most of the occupations in this group require college degrees, some of the paraprofessional and technical occupations are attainable through employment and training programs or specialized post-secondary education.

Marketing and Sales

Marketing and sales occupations are expected to increase 12.1 percent by 2008. Substantial growth for this group is expected to occur in retail trade, finance, insurance and real estate, business services, and amusement and recreational services.

About 63 percent of this group's total growth is expected to occur in three occupations - retail salespersons (10,460), cashiers (9,840), and marketing and sales supervisors (7,540). Over 64 percent of the group's average annual openings will also occur in these three occupations. Most of the openings for these occupations will come from replacement needs rather than growth. Most of the job openings in this group are in occupations requiring moderate or short-term on-the-job training.

Chart 7
1998-2008 Average Annual Growth Rates



Clerical and Administrative Support

The number of jobs in clerical and administrative support occupations is projected to increase by 22,320, just 4.8 percent, from 1998 to 2008. As a result of this slow growth, the group's share of total employment will fall from 16.6 percent in 1998 to 15.6 percent in 2008. The growth that is projected for this group will occur mainly in finance, insurance and real estate, business services, health services, educational services, and engineering and management services.

Several clerical occupations are expected to expand during the period, including general office clerks (7,320), office supervisors (4,710), and receptionists (4,150). But projected losses in other occupations will partially offset this growth. Most of the job openings for occupations in this group will come from replacement needs rather than growth. And most of the job openings are in occupations requiring short-term on-the-job training.

Service Occupations

Service occupations are expected to increase 13.1 percent by 2008. Substantial growth for this group is expected in retail trade, business services, health services, social services, and local government.

The largest growth is expected to occur in nursing aides and orderlies (6,850). Other large increases are projected for waiters and waitresses (4,400) and child care workers (3,880). The highest number of job openings is expected to occur in the food and beverage preparation occupations of waiters and waitresses (2,890) and fast food service workers (2,610). Because of the high turnover rate for these occupations most of the openings will be due to replacement needs. Most of the job openings in the service occupational group are in occupations that require short-term on-the-job training.

Agricultural Services

Data for this occupational group include only workers in the agricultural services industry (veterinary and animal services and horticultural and landscaping services) and non-agricultural industries such as lumber and wood products manufacturing. Most agricultural workers are in crop and livestock farming, for which no projections are included in this report. Projections were also not made for the forestry, fishing, hunting and trapping industries.

Agricultural services occupations are expected to increase 19.9 percent by 2008. Most of the employment, growth and job openings will occur in one occupation – landscaping and groundskeeping laborers.

Production, Craft and Repair

Production, craft and repair occupations are expected to add over 23,000 jobs from 1998 to 2008. This translates into a 7.4 percent increase, which is lower than the average for all occupations. Growth for this group is expected to occur in construction, retail trade, business services, and auto repair services.

Most of the growth is expected to occur in the craft and repair occupations, particularly in carpenters (2,250) and automotive mechanics (2,210). Other large increases are expected to occur in construction supervisors (1,820), maintenance repairers, general utility (1,400), and electricians (1,380). Growth in precision production occupations will be limited because of the decreases projected for many manufacturing industries.

Although the overall growth for this group is lower than average, a significant number of openings will occur due to replacement needs. Nearly 60 percent of the job openings in this group will occur in occupations requiring vocational education or long-term on-the-job training (which can include formal classroom

training). Many of the jobs in this group have traditionally been well suited to employment and training programs. The highest annual job openings are expected to occur in carpenters (910), maintenance repairers, general utility (690), automotive mechanics (670), mechanics and repair supervisors (490), and construction supervisors (480).

Operators, Fabricators and Laborers

The number of operators, fabricators and laborers is expected to increase by over 32,000 jobs, or 7.6 percent, from 1998 to 2008. Most of the growth for these occupations will occur in transportation, wholesale trade, and business

services.

The largest increases are expected to occur in heavy truck drivers (6,800), light truck drivers (4,390), and hand packers and packagers (3,450). Although this occupational group will experience slow growth, a substantial number of openings due to replacement needs will occur. The highest annual job openings are expected for heavy truck drivers (1,290), helpers/laborers, not elsewhere classified (840), light truck drivers (810), and hand packers and packagers (810). Most of the job openings in this group are in occupations that require moderate or short-term on-the-job training.

Table 1
Occupational Group Employment by Education and Training Categories

Occupational Group Education and Training Category	Employment		Change		Annual Average Openings
	1998 Estimated	2008 Projected	Number	Percent	
Executives, Administrators, Managers	166,890	185,780	18,890	11.3	4,880
Bachelor's or Higher Degree plus Work Experience	141,960	157,950	15,990	11.3	4,170
Bachelor's Degree	12,610	13,900	1,290	10.2	350
Work Experience in a Related Occupation	12,320	13,930	1,610	13.1	360
Professional, Paraprofessional, and Technical	588,520	690,860	102,340	17.4	22,020
Professional Degree	45,670	52,320	6,650	14.6	1,470
Doctoral Degree.....	20,200	24,960	4,760	23.6	1,030
Master's Degree.....	22,320	26,510	4,190	18.8	860
Bachelor's or Higher Degree plus Work Experience	11,940	13,360	1,420	11.9	350
Bachelor's Degree	279,900	326,170	46,270	16.5	10,610
Associate's Degree	100,160	121,610	21,450	21.4	3,860
Vocational Education	39,780	44,110	4,330	10.9	1,300
Work Experience in a Related Occupation	14,710	16,630	1,920	13.1	400
Long-term On-the-job Training.....	7,290	7,870	580	8.0	220
Moderate-term On-the-job Training.....	30,660	36,580	5,920	19.3	1,230
Short-term On-the-job Training	15,890	20,740	4,850	30.5	690
Marketing and Sales Occupations.....	365,250	409,450	44,200	12.1	14,410
Bachelor's Degree	15,500	18,290	2,790	18.0	540
Vocational Education	8,400	9,000	600	7.1	240
Work Experience in a Related Occupation	73,330	81,110	7,780	10.6	1,740
Moderate-term On-the-job Training.....	83,650	95,490	11,840	14.2	3,360
Short-term On-the-job Training	184,370	205,560	21,190	11.5	8,530
Administrative Support and Clerical	466,430	488,750	22,320	4.8	11,910
Vocational Education	15,970	16,100	130	0.8	280
Work Experience in a Related Occupation	36,910	41,930	5,020	13.6	1,360
Long-term On-the-job Training.....	4,240	4,890	650	15.3	140
Moderate-term On-the-job Training.....	133,940	127,350	-6,590	-4.9	2,230
Short-term On-the-job Training	275,370	298,480	23,110	8.4	8,570
Service Occupations	464,430	525,120	60,690	13.1	20,920
Bachelor's Degree	500	570	70	14.0	20
Associate's Degree	2,700	3,530	830	30.7	160
Vocational Education	11,730	11,730	0	0.0	310
Work Experience in a Related Occupation	24,840	29,330	4,490	18.1	1,060
Long-term On-the-job Training.....	59,720	69,670	9,950	16.7	2,510
Moderate-term On-the-job Training.....	14,370	18,840	4,470	31.1	760
Short-term On-the-job Training	350,570	391,450	40,880	11.7	16,100
Agricultural Services and Forestry	24,610	29,510	4,900	19.9	1,140
Work Experience in a Related Occupation	800	960	160	20.0	30
Long-term On-the-job Training.....	170	210	40	23.5	0
Moderate-term On-the-job Training.....	620	750	130	21.0	20
Short-term On-the-job Training	23,020	27,590	4,570	19.9	1,090
Precision Production, Craft, and Repair	314,050	337,120	23,070	7.4	9,810
Vocational Education	58,150	62,690	4,540	7.8	1,880
Work Experience in a Related Occupation	66,780	69,650	2,870	4.3	2,060
Long-term On-the-job Training.....	137,540	147,530	9,990	7.3	4,050
Moderate-term On-the-job Training.....	43,510	48,310	4,800	11.0	1,500
Short-term On-the-job Training	8,070	8,940	870	10.8	320
Operators, Fabricators, and Laborers	424,490	456,880	32,390	7.6	12,910
Bachelor's Degree	2,450	2,320	-130	-5.3	50
Vocational Education	7,610	8,180	570	7.5	250
Work Experience in a Related Occupation	11,100	11,300	200	1.8	320
Long-term On-the-job Training.....	8,140	9,100	960	11.8	340
Moderate-term On-the-job Training.....	137,690	143,220	5,530	4.0	3,480
Short-term On-the-job Training	257,500	282,760	25,260	9.8	8,480

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Occupational Employment

Occupational Code	Title	Employment		Change		Annual Average Openings		
		1998 Estimated	2008 Projected	Number	Percent	Growth	Replace- ments	Total
00000	TOTAL, ALL OCCUPATIONS	2,814,670	3,123,470	308,800	11.0	31,020	66,980	98,000
10000	Exec, Admin, Managerial	166,890	185,780	18,890	11.3	1,910	2,970	4,880
13002	Financial Managers	14,160	15,410	1,250	8.8	130	220	350
13005	Human Resources Managers	5,010	5,680	670	13.4	70	120	190
13008	Purchasing Managers	3,340	3,440	100	3.0	10	80	90
13011	Adver/Marketing/Promo/PR/Sales Mgrs	9,710	11,050	1,340	13.8	130	140	270
13014	Administrative Services Managers.....	7,470	8,270	800	10.7	80	130	210
13017	Engineer/Nat Sci/Computer/Info Sys Mgrs ...	5,770	7,370	1,600	27.7	160	100	260
15002	Postmasters/Mail Superintendents	820	850	30	3.7	0	10	10
15005	Education Administrators.....	9,350	10,540	1,190	12.7	120	240	360
15008	Medical/Health Service Managers	5,770	7,290	1,520	26.3	150	100	250
15011	Property/Real Estate/Comm Assoc Mgrs....	3,930	4,690	760	19.3	80	50	130
15014	Industrial Production Managers	4,370	4,240	-130	-3.0	-10	80	80
15017	Construction Managers.....	4,310	4,970	660	15.3	70	80	150
15021	Mining & Related Managers	120	120	0	0.0	0	0	0
15023	Communication/Transp/Utilities Mgrs	5,280	6,060	780	14.8	80	90	170
15026	Food Service & Lodging Managers.....	10,060	11,170	1,110	11.0	110	180	290
15031	Nursery & Greenhouse Managers	70	90	20	28.6	0	0	0
15032	Lawn Service Managers	1,250	1,700	450	36.0	50	10	60
19002	Govt Chief Execs & Legislators	1,760	1,830	70	4.0	10	40	50
19005	General Managers & Top Execs.....	48,740	54,250	5,510	11.3	550	850	1,400
19999	Managers & Administrators, NEC	25,600	26,760	1,160	4.5	120	450	570
20111	Professional/Paraprofess/Technical	588,520	690,860	102,340	17.4	10,300	11,720	22,020
21102	Insurance Underwriters.....	2,000	2,180	180	9.0	20	60	80
21105	Credit Analysts.....	680	770	90	13.2	10	20	30
21108	Loan Counselors & Officers.....	5,120	5,910	790	15.4	80	110	190
21111	Tax Preparers.....	1,590	1,860	270	17.0	30	40	70
21114	Accountants & Auditors	19,860	21,080	1,220	6.1	120	310	430
21117	Budget Analysts.....	950	1,000	50	5.3	10	20	30
21199	Financial Specialists, NEC.....	3,500	4,010	510	14.6	50	80	130
21302	Wholesale/Retail Buyers, Exc Farm	1,930	1,930	0	0.0	0	50	50
21305	Purchasing Agents & Buyers, Farm.....	420	430	10	2.4	0	10	10
21308	Purchasing Ags, Exc Whlsale/Retail/Farm ...	3,910	4,060	150	3.8	20	100	120
21502	Claims Takers, Unemployment Benefits.....	250	220	-30	-12.0	0	10	10
21505	Special Agents, Insurance	760	830	70	9.2	10	20	30
21508	Employment Interviewers	1,130	1,210	80	7.1	10	30	40
21511	Human Res/Train/Labor Relations Specs.....	8,260	9,260	1,000	12.1	100	220	320
21902	Cost Estimators	3,330	3,610	280	8.4	30	40	70
21905	Management Analysts	3,520	4,340	820	23.3	80	30	110
21908	Construction, Building Inspectors	1,430	1,660	230	16.1	20	40	60
21911	Inspectors & Compliance Officers.....	3,050	3,350	300	9.8	30	60	90
21914	Tax Examiners/Collectors/Revenue Agts	1,290	1,350	60	4.7	10	30	40
21917	Assessors	440	500	60	13.6	10	10	20
21921	Claims Examiners Prop/Casual Insurance ...	1,100	1,200	100	9.1	10	20	30
21999	Management Support Workers, NEC	15,480	16,450	970	6.3	100	290	390
22102	Aerospace Engineers	1,130	860	-270	-23.9	-30	20	20
22105	Materials Engineers	290	290	0	0.0	0	10	10
22108	Mining Engineers, Inc Safety	30	30	0	0.0	0	0	0
22114	Chemical Engineers.....	720	790	70	9.7	10	20	30
22117	Nuclear Engineers	20	20	0	0.0	0	0	0
22121	Civil Engineers.....	3,770	4,450	680	18.0	70	70	140
22123	Agricultural Engineers.....	40	50	10	25.0	0	0	0
22126	Electrical & Electronics Engineers	4,540	5,330	790	17.4	80	100	180
22127	Computer Engineers.....	3,560	6,190	2,630	73.9	260	20	280

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Occupational Employment

Occupational Code	Title	Employment		Change		Annual Average Openings		
		1998 Estimated	2008 Projected	Number	Percent	Growth	Replace- ments	Total
22128	Industrial Engineers, Exc Safety.....	2,120	2,150	30	1.4	0	30	30
22132	Safety Engineers, Exc Mining.....	400	430	30	7.5	0	10	10
22135	Mechanical Engineers	3,210	3,650	440	13.7	40	60	100
22138	Marine Engineers.....	80	90	10	12.5	0	0	0
22199	Engineers, NEC	5,440	5,690	250	4.6	30	160	190
22302	Architects, Exc Landscape/Naval	2,100	2,450	350	16.7	40	30	70
22308	Landscape Architects	390	410	20	5.1	0	10	10
22311	Surveyors and Mapping Scientists.....	790	760	-30	-3.8	0	20	20
22502	Civil Engineering Techs/Technologists	1,160	1,360	200	17.2	20	30	50
22505	Elect & Electronic Techs/Technologists.....	3,700	4,230	530	14.3	50	80	130
22508	Industrial Engineering Techs/Technologists	640	660	20	3.1	0	10	10
22511	Mechanical Engineering Techs/Technols	1,170	1,160	-10	-0.9	0	20	20
22514	Drafters.....	5,520	5,990	470	8.5	50	130	180
22517	Estimators & Drafters, Utilities	80	70	-10	-12.5	0	0	0
22521	Surveying/Mapping Technicians	1,280	1,470	190	14.8	20	30	50
22599	Engineering Techs/Technologists, NEC	4,680	4,630	-50	-1.1	-10	120	120
24105	Chemists	1,660	1,710	50	3.0	10	40	50
24108	Atmospheric & Space Scientists	160	170	10	6.3	0	0	0
24111	Geologists/Geophysicists/Oceanographers	410	490	80	19.5	10	10	20
24199	Physical Scientists, NEC	1,130	1,220	90	8.0	10	30	40
24302	Conservation Scientists/Foresters	640	700	60	9.4	10	20	30
24305	Agricultural/Food Scientists	180	190	10	5.6	0	10	10
24308	Biological Scientists	1,110	1,330	220	19.8	20	20	40
24311	Medical Scientists	130	150	20	15.4	0	0	0
24399	Life Scientists, NEC	730	820	90	12.3	10	20	30
24502	Biological/Agric Technicians/Technologists	500	530	30	6.0	0	10	10
24505	Chemical Techs/Technols, Exc Health	1,680	1,570	-110	-6.6	-10	40	40
24511	Petroleum Technicians/Technologists	20	20	0	0.0	0	0	0
24599	Physical/Life Science Technicians, NEC	1,370	1,410	40	2.9	0	30	30
25102	Systems Analysts	10,370	16,930	6,560	63.3	660	60	720
25103	Database Administrators	1,780	2,530	750	42.1	80	30	110
25104	Computer Support Specialists	8,070	13,540	5,470	67.8	550	50	600
25105	Computer Programmers	12,230	12,260	30	0.3	0	380	380
25108	Computer Programmer Aides	1,240	1,220	-20	-1.6	0	40	40
25111	Numerical Tool/Process Control Progrmrs	130	140	10	7.7	0	0	0
25199	Computer Scientists, NEC	1,840	3,350	1,510	82.1	150	10	160
25302	Operations Research Analysts	1,220	1,080	-140	-11.5	-10	40	40
25310	Mathematical Scientists	140	120	-20	-14.3	0	0	0
25312	Statisticians	290	290	0	0.0	0	0	0
25313	Actuaries	360	370	10	2.8	0	10	10
25315	Financial Analysts, Statistical	1,020	1,420	400	39.2	40	20	60
25319	Mathematical Scientists, NEC	130	110	-20	-15.4	0	0	0
25323	Mathematical Technicians	60	60	0	0.0	0	0	0
27102	Economists	1,100	1,190	90	8.2	10	20	30
27105	Urban & Regional Planners	260	300	40	15.4	0	10	10
27108	Psychologists	2,290	2,500	210	9.2	20	40	60
27199	Social Scientists, NEC	620	650	30	4.8	0	10	10
27302	Social Workers, Medical/Psychiatric	5,150	6,910	1,760	34.2	180	70	250
27305	Social Workers, Exc Medical/Psychiatric	4,210	5,470	1,260	29.9	130	50	180
27307	Residential Counselors	3,550	4,480	930	26.2	90	80	170
27308	Social/Human Service Assistants	13,410	16,950	3,540	26.4	350	350	700
27311	Recreation Workers	4,620	5,400	780	16.9	80	120	200
27502	Clergy	13,760	15,460	1,700	12.4	170	270	440
27505	Directors, Religious Activities/Education	2,230	2,760	530	23.8	50	40	90
27599	Religious Workers, NEC	750	830	80	10.7	10	10	20

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Occupational Employment

Occupational Code	Title	Employment		Change		Annual Average Openings		
		1998 Estimated	2008 Projected	Number	Percent	Growth	Replace- ments	Total
28102	Judges & Magistrates	320	320	0	0.0	0	10	10
28105	Adjudicators & Hearing Officers.....	1,680	1,680	0	0.0	0	30	30
28108	Lawyers	9,790	11,810	2,020	20.6	200	110	310
28302	Law Clerks.....	510	490	-20	-3.9	0	10	10
28305	Paralegals & Legal Assistants	1,780	2,890	1,110	62.4	110	20	130
28308	Title Searchers.....	240	260	20	8.3	0	0	0
28311	Title Examiners & Abstractors	850	890	40	4.7	0	10	10
28399	Legal Assistants, NEC	400	450	50	12.5	10	0	10
31111	Lecturers	110	120	10	9.1	0	0	0
31114	Nursing Instructors.....	950	1,140	190	20.0	20	20	40
31117	Graduate Assistants, Teaching.....	2,070	2,520	450	21.7	50	60	110
31201	Agric Sciences Teachers, Postsecondary	210	210	0	0.0	0	10	10
31202	Life Sciences Teachers, Postsecondary	840	1,100	260	31.0	30	20	50
31204	Chemistry Teachers, Postsecondary	310	370	60	19.4	10	10	20
31206	Physics Teachers, Postsecondary	200	240	40	20.0	0	10	10
31209	Phys Science Teachers, Postsecond, NEC	330	410	80	24.2	10	10	20
31211	Health Diagnostics Teachers, Postsecond	710	1,020	310	43.7	30	20	50
31212	Health Specialties Teachers, Postsecondary	550	780	230	41.8	20	20	40
31213	Communications Teachers, Postsecondary.....	320	440	120	37.5	10	10	20
31214	English Lang/Lit Teachers, Postsecondary	1,180	1,440	260	22.0	30	30	60
31215	Foreign Lang/Lit Teachers, Postsecondary	410	500	90	22.0	10	10	20
31218	Art/Drama/Music Teachers, Postsecond	1,110	1,350	240	21.6	20	30	50
31222	Engineering Teachers, Postsecondary	530	640	110	20.8	10	20	30
31223	Architecture Teachers, Postsecondary	90	110	20	22.2	0	0	0
31224	Math/Science Teachers, Postsecondary	850	1,030	180	21.2	20	20	40
31226	Computer Science Teachers, Postsecond	480	720	240	50.0	20	10	30
31231	Anthrop/Sociology Teachers, Postsecond	280	340	60	21.4	10	10	20
31232	Area/Ethnic/Cultural Studies Teachers	70	80	10	14.3	0	0	0
31233	Economics Teachers, Postsecondary	210	250	40	19.1	0	10	10
31234	Geography Teachers, Postsecondary	70	90	20	28.6	0	0	0
31235	History Teachers, Postsecondary	340	420	80	23.5	10	10	20
31236	Political Science Teachers, Postsecondary	210	260	50	23.8	10	10	20
31237	Psychology Teachers, Postsecondary	480	590	110	22.9	10	10	20
31239	Social Science Teachers, Postsecond, NEC	340	420	80	23.5	10	10	20
31242	Business Teachers, Postsecondary	1,210	1,470	260	21.5	30	30	60
31244	Law Teachers, Postsecondary	190	230	40	21.1	0	10	10
31246	Criminal Justice/Law Enforcement Teachers	160	200	40	25.0	0	0	0
31247	Social Work Teachers, Postsecondary	110	140	30	27.3	0	0	0
31252	Education Teachers, Postsecondary	770	930	160	20.8	20	20	40
31254	Philosophy/Religion Teachers, Postsecond	300	370	70	23.3	10	10	20
31256	Library Science Teachers, Postsecondary	50	60	10	20.0	0	0	0
31258	Parks/Rec/Leisure/Fitness Studies Teachers	170	250	80	47.1	10	10	20
31262	Home Economics Teachers, Postsecondary	70	60	-10	-14.3	0	0	0
31299	Postsecondary Teachers, NEC	4,930	6,010	1,080	21.9	110	140	250
31303	Teachers, Preschool	7,810	9,870	2,060	26.4	210	170	380
31304	Teachers, Kindergarten	3,630	4,050	420	11.6	40	80	120
31305	Teachers, Elementary School	35,100	38,970	3,870	11.0	390	810	1,200
31308	Teachers, Secondary School	30,080	36,670	6,590	21.9	660	960	1,620
31311	Teachers, Special Education	8,570	11,430	2,860	33.4	290	70	360
31314	Teachers/ Instructors, Voc Ed/Training	7,080	7,870	790	11.2	80	80	160
31317	Instructors, Adult (Non-Voc Ed)	3,020	3,610	590	19.5	60	30	90
31321	Instructors/Coaches, Sports/Physical Train	5,980	7,200	1,220	20.4	120	60	180
31323	Farm/Home Management Advisors	150	160	10	6.7	0	0	0
31399	Teachers & Instructors, NEC	6,920	7,610	690	10.0	70	70	140
31502	Librarians	2,780	2,870	90	3.2	10	70	80

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		1998 Estimated	2008 Projected	Number	Percent	Growth	Replace- ments	Total
31505	Library Technicians.....	1,780	2,090	310	17.4	30	50	80
31508	Audio-Visual Specialists	290	270	-20	-6.9	0	0	0
31511	Curators/Archivists/Museum Technicians	180	180	0	0.0	0	10	10
31514	Counselors, Vocation/Education.....	3,610	4,360	750	20.8	80	80	160
31517	Instructional Coordinators.....	1,630	1,950	320	19.6	30	20	50
31521	Teacher Aides, Paraprofessional.....	14,110	18,650	4,540	32.2	450	160	610
32102	Physicians and Surgeons	11,870	13,830	1,960	16.5	200	190	390
32105	Dentists.....	2,550	2,500	-50	-2.0	-10	50	50
32108	Optometrists	730	730	0	0.0	0	20	20
32111	Podiatrists	260	260	0	0.0	0	10	10
32113	Chiropractors	860	970	110	12.8	10	20	30
32114	Veterinarians	1,130	1,370	240	21.2	20	20	40
32199	Health Practitioners, NEC.....	600	970	370	61.7	40	10	50
32302	Respiratory Therapists.....	2,130	3,070	940	44.1	90	30	120
32305	Occupational Therapists	1,820	2,240	420	23.1	40	30	70
32308	Physical Therapists.....	2,490	2,950	460	18.5	50	40	90
32311	Corrective/Manual Arts Therapists.....	30	40	10	33.3	0	0	0
32314	Speech Pathologists/Audiologists.....	2,350	3,170	820	34.9	80	40	120
32317	Recreational Therapists	720	780	60	8.3	10	10	20
32399	Therapists, NEC	670	940	270	40.3	30	10	40
32502	Registered Nurses.....	49,340	57,200	7,860	15.9	790	810	1,600
32505	Licensed Practical/Voc Nurses	16,110	17,630	1,520	9.4	150	350	500
32508	Emergency Medical Techs/Paramedics.....	5,230	6,220	990	18.9	100	130	230
32511	Physician Assistants	1,260	1,710	450	35.7	50	20	70
32514	Opticians, Dispensing	1,040	1,160	120	11.5	10	10	20
32517	Pharmacists	4,120	4,420	300	7.3	30	110	140
32518	Pharmacy Technicians	2,950	3,480	530	18.0	50	70	120
32521	Dietitians & Nutritionists	1,600	1,800	200	12.5	20	30	50
32523	Dietetic Technicians	810	940	130	16.1	10	20	30
32902	Medical/Clinical Lab Technologists	3,840	4,070	230	6.0	20	50	70
32905	Medical/Clinical Lab Technicians	2,670	2,920	250	9.4	30	30	60
32908	Dental Hygienists	2,010	2,610	600	29.9	60	50	110
32911	Medical Records/Health Info Technicians	2,160	2,830	670	31.0	70	50	120
32913	Radiation Therapists	270	300	30	11.1	0	0	0
32914	Nuclear Medical Technologists	320	350	30	9.4	0	0	0
32919	Radiologic Technicians/Technologists	3,990	4,490	500	12.5	50	60	110
32923	Electroneurodiagnostic Technicians	110	110	0	0.0	0	0	0
32925	Cardiology Technologists/Technicians	470	670	200	42.6	20	10	30
32926	EKG Technicians	290	210	-80	-27.6	-10	10	10
32928	Surgical Technologists	1,450	2,000	550	37.9	60	40	100
32931	Psychiatric Technicians	6,260	6,700	440	7.0	40	90	130
32951	Veterinary Technologists/Technicians	310	340	30	9.7	0	10	10
32999	Health Professionals/Paraprofess, NEC	8,880	11,620	2,740	30.9	270	220	490
34002	Writers & Editors	3,370	3,950	580	17.2	60	90	150
34005	Technical Writers	620	750	130	21.0	10	20	30
34008	Public Relations Specialists	2,010	2,370	360	17.9	40	50	90
34011	Reporters & Correspondents	1,070	1,120	50	4.7	10	30	40
34014	Broadcast News Analysts	220	240	20	9.1	0	10	10
34017	Announcers, Radio & TV	1,200	1,160	-40	-3.3	0	30	30
34021	Announcers, NEC	20	20	0	0.0	0	0	0
34023	Photographers	2,640	2,950	310	11.7	30	40	70
34026	Camera Operas, TV/Motion Picture/Video	290	350	60	20.7	10	0	10
34028	Broadcast & Sound Technicians	1,000	1,070	70	7.0	10	30	40
34032	Film Editors	160	170	10	6.3	0	10	10
34035	Artists & Commercial Artists	5,840	6,410	570	9.8	60	120	180

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		1998 Estimated	2008 Projected	Number	Percent	Growth	Replace- ments	Total
34038	Designers, Exc Interior	5,090	6,050	960	18.9	100	70	170
34041	Interior Designers	1,430	1,720	290	20.3	30	20	50
34044	Merchandise Displayers/Window Dressers	580	640	60	10.3	10	10	20
34047	Music Directors/Singers/Related Workers	2,080	2,300	220	10.6	20	40	60
34051	Musicians, Instrumental	2,420	2,500	80	3.3	10	50	60
34053	Dancers & Choreographers	250	260	10	4.0	0	10	10
34056	Actors/Directors/Producers	1,410	1,590	180	12.8	20	30	50
34058	Athletes/Coaches/Umpires/Related Workers	930	1,040	110	11.8	10	30	40
39002	Air Traffic Controllers	450	440	-10	-2.2	0	10	10
39005	Traffic Technicians	150	150	0	0.0	0	0	0
39008	Radio Operators	70	70	0	0.0	0	0	0
39011	Funeral Directors & Morticians	1,060	1,270	210	19.8	20	20	40
39014	Embalmers	360	380	20	5.6	0	10	10
39999	Professional/Paraprofess/Techs, NEC	13,180	14,320	1,140	8.7	110	320	430
40000	Marketing & Sales	365,250	409,450	44,200	12.1	4,420	9,990	14,410
41002	Marketing/Sales Supervisors	71,840	79,380	7,540	10.5	750	940	1,690
43002	Insurance Sales Agents	7,460	7,700	240	3.2	20	170	190
43005	Brokers, Real Estate	1,490	1,730	240	16.1	20	30	50
43008	Sales Agents, Real Estate	4,300	4,720	420	9.8	40	90	130
43011	Real Estate Appraisers	1,020	1,190	170	16.7	20	20	40
43014	Securities/Finance Serv Sales Agents	5,920	8,230	2,310	39.0	230	50	280
43017	Sales Agents, Business Services	6,110	7,640	1,530	25.0	150	130	280
43021	Travel Agents	4,100	4,280	180	4.4	20	90	110
43023	Sales Agents, Advertising	3,530	3,960	430	12.2	40	100	140
43099	Sales Reps/Salespersons, Services NEC	1,390	1,700	310	22.3	30	50	80
49002	Sales Engineers	1,100	1,170	70	6.4	10	20	30
49005	Sales Reps, Scientific Products/Services	10,140	11,000	860	8.5	90	250	340
49008	Sales Reps, Mfg and Wholesale	27,100	28,360	1,260	4.7	130	660	790
49011	Retail Salespersons	82,280	92,740	10,460	12.7	1,050	2,790	3,840
49014	Parts Salespersons	6,680	6,690	10	0.2	0	190	190
49017	Counter & Rental Clerks	10,250	11,780	1,530	14.9	150	440	590
49021	Stock Clerks, Sales Floor	28,880	28,240	-640	-2.2	-60	440	440
49023	Cashiers	62,960	72,800	9,840	15.6	980	2,740	3,720
49026	Telemarketers/Door Sales/Related Wkrs	17,480	23,670	6,190	35.4	620	450	1,070
49034	Demonstrators/Product Promoters	1,880	2,170	290	15.4	30	50	80
49036	Models	20	20	0	0.0	0	0	0
49999	Sales & Related Workers, NEC	9,320	10,280	960	10.3	100	290	390
50000	Admin Support & Clerical	466,430	488,750	22,320	4.8	2,250	9,660	11,910
51002	Office/Admin Support Supervisors/Mgrs	34,540	39,250	4,710	13.6	470	780	1,250
53102	Bank Tellers	13,720	12,580	-1,140	-8.3	-110	590	590
53105	New Accounts Clerks, Banking	2,370	2,680	310	13.1	30	80	110
53108	Transit Clerks	180	130	-50	-27.8	-10	10	10
53111	Loan Interviewers	320	260	-60	-18.8	-10	0	0
53114	Credit Authorizers	270	240	-30	-11.1	0	0	0
53117	Credit Checkers	750	730	-20	-2.7	0	10	10
53121	Loan & Credit Clerks	4,940	5,350	410	8.3	40	50	90
53123	Adjustment Clerks	12,030	14,940	2,910	24.2	290	80	370
53126	Statement Clerks	290	210	-80	-27.6	-10	0	0
53128	Brokerage Clerks	1,820	2,260	440	24.2	40	20	60
53302	Insur Adjusters/Examiners/Investigators	3,900	4,510	610	15.6	60	70	130
53305	Insurance Appraisers, Auto Damage	340	380	40	11.8	0	10	10
53308	Insurance Examining Clerks	210	240	30	14.3	0	0	0
53311	Insurance Claims Clerks	4,520	4,940	420	9.3	40	80	120
53314	Insurance Policy Process Clerks	3,060	3,230	170	5.6	20	40	60

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		1998 Estimated	2008 Projected	Number	Percent	Growth	Replace- ments	Total
53502	Welfare Eligibility Workers	1,020	800	-220	-21.6	-20	20	20
53505	Investigators, Clerical	270	290	20	7.4	0	0	0
53508	Bill & Account Collectors.....	6,770	8,460	1,690	25.0	170	180	350
53702	Court Clerks.....	700	800	100	14.3	10	10	20
53705	Municipal Clerks	810	920	110	13.6	10	10	20
53708	License Clerks	480	540	60	12.5	10	10	20
53802	Travel Clerks	490	550	60	12.2	10	10	20
53805	Reservation & Transp Ticket Agents	3,720	3,550	-170	-4.6	-20	80	80
53808	Hotel/Motel/Resort Desk Clerks.....	3,460	3,680	220	6.4	20	130	150
53902	Library Assistants/Bookmobile Drivers	2,840	3,340	500	17.6	50	140	190
53905	Teacher Aides/Educational Assistants.....	10,020	12,990	2,970	29.6	300	120	420
53908	Advertising Clerks.....	240	250	10	4.2	0	10	10
53911	Proofreaders & Copy Markers	720	600	-120	-16.7	-10	20	20
53914	Real Estate Clerks	320	390	70	21.9	10	10	20
55102	Legal Secretaries.....	5,010	5,760	750	15.0	80	80	160
55105	Medical Secretaries	4,570	4,790	220	4.8	20	80	100
55108	Secretaries, Exc Legal or Medical	52,400	51,080	-1,320	-2.5	-130	860	860
55302	Court Reporters/Medical Trans/Stenos.....	6,390	5,550	-840	-13.2	-80	100	100
55305	Reception & Information Clerks	24,510	28,660	4,150	16.9	420	470	890
55307	Word Processors & Typists	7,560	5,900	-1,660	-22.0	-170	150	150
55314	Human Res Assistants, Exc Payroll/Time....	3,580	3,330	-250	-7.0	-30	70	70
55317	Correspondence Clerks	480	500	20	4.2	0	10	10
55321	File Clerks.....	5,550	5,700	150	2.7	20	190	210
55323	Order Clerks	8,290	8,260	-30	-0.4	0	200	200
55326	Procurement Clerks	1,530	1,290	-240	-15.7	-20	20	20
55328	Statistical Clerks	1,260	1,210	-50	-4.0	-10	20	20
55332	Interview Clerks, Exc Personnel	3,410	4,220	810	23.8	80	110	190
55335	Customer Service Reps, Util.....	4,180	4,710	530	12.7	50	100	150
55338	Bookkeeping/Accounting/Auditing Clerks ..	38,190	35,550	-2,640	-6.9	-260	710	710
55341	Payroll & Timekeeping Clerks.....	3,880	3,570	-310	-8.0	-30	80	80
55344	Billing/Cost/Rate Clerks	7,290	7,700	410	5.6	40	150	190
55347	Office Clerks, General	60,600	67,920	7,320	12.1	730	1,680	2,410
56002	Billing/Posting Clerks/Mach Opers.....	2,100	1,970	-130	-6.2	-10	40	40
56005	Duplicating Machine Operators	1,110	1,160	50	4.5	10	30	40
56008	Mail Mach Opers, Preparation/Handling	1,280	1,250	-30	-2.3	0	40	40
56011	Computer Opers, Exc Peripheral Equip.....	4,110	2,860	-1,250	-30.4	-130	60	60
56014	Peripheral Equipment Operators	760	470	-290	-38.2	-30	10	10
56017	Data Entry Keyers, Exc Composing.....	8,890	8,900	10	0.1	0	70	70
56021	Data Entry Keyers, Composing	340	230	-110	-32.4	-10	0	0
56099	Office Machine Operators, NEC	650	480	-170	-26.2	-20	20	20
57102	Switchboard Operators	4,070	3,360	-710	-17.4	-70	90	90
57105	Directory Assistance Operators	730	420	-310	-42.5	-30	20	20
57108	Central Office Operators	760	570	-190	-25.0	-20	20	20
57111	Telegraph/Teletype Operators	650	700	50	7.7	10	20	30
57199	Communication Equip Operators, NEC	910	720	-190	-20.9	-20	20	20
57302	Mail Clerks, Exc Mail Mach/Postal Service...	2,800	2,800	0	0.0	0	70	70
57305	Postal Mail Carriers	7,410	8,090	680	9.2	70	210	280
57308	Postal Service Clerks	1,840	1,990	150	8.2	20	30	50
57311	Couriers & Messengers	1,910	1,960	50	2.6	10	50	60
58002	Dispatchers: Police/Fire/Ambulance	2,610	2,820	210	8.1	20	40	60
58005	Dispatchers, Exc Police/Fire/Ambulance	4,140	4,450	310	7.5	30	70	100
58008	Production/Planning/Expediting Clerks	6,670	6,210	-460	-6.9	-50	80	80
58011	Transportation Agents	460	450	-10	-2.2	0	0	0
58014	Meter Readers, Utilities	1,350	1,480	130	9.6	10	30	40
58017	Weighers/Measurers/Checkers	830	830	0	0.0	0	20	20

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Occupational Code	Title	Employment		Change		Annual Average Openings		
		1998 Estimated	2008 Projected	Number	Percent	Growth	Replace- ments	Total
58021	Marking Clerks.....	500	430	-70	-14.0	-10	10	10
58023	Stock Clerks: Stockroom/Warehouse	16,170	17,580	1,410	8.7	140	240	380
58026	Order Fillers, Wholesale/Retail	5,910	6,700	790	13.4	80	140	220
58028	Shipping/Receiving/Traffic Clerks	20,110	20,160	50	0.3	10	340	350
58099	Material Rec/Sched/Distr Workers, NEC	2,090	2,100	10	0.5	0	50	50
59999	Admin Support/Clerical Occs, NEC	11,470	12,820	1,350	11.8	140	190	330
60000	Service Occupations	464,430	525,120	60,690	13.1	6,110	14,810	20,920
61002	Fire Fighting/Prevention Supervisors.....	1,520	1,740	220	14.5	20	50	70
61005	Police/Detective Supervisors	2,810	3,210	400	14.2	40	80	120
61008	Institution Cleaning Supervisors	2,020	2,100	80	4.0	10	50	60
61099	Service Supervisors/Mgrs, NEC	15,750	18,950	3,200	20.3	320	360	680
63002	Fire Inspectors.....	140	160	20	14.3	0	0	0
63005	Forest Fire Inspectors/Prev Specialists	130	140	10	7.7	0	0	0
63008	Fire Fighters	5,000	5,400	400	8.0	40	120	160
63011	Police Detectives	1,060	1,360	300	28.3	30	30	60
63014	Police Patrol Officers	8,830	11,950	3,120	35.3	310	240	550
63017	Correctional Officers.....	7,590	10,160	2,570	33.9	260	210	470
63021	Parking Enforcement Workers.....	100	110	10	10.0	0	0	0
63023	Bailiffs	160	160	0	0.0	0	0	0
63028	Criminal Investigators, Public Service.....	500	570	70	14.0	10	10	20
63032	Sheriffs & Deputy Sheriffs.....	1,650	2,270	620	37.6	60	20	80
63035	Private Detectives/Investigators.....	1,410	1,670	260	18.4	30	40	70
63038	Transit & Railroad Police	80	90	10	12.5	0	0	0
63041	Fish & Game Wardens	20	20	0	0.0	0	0	0
63044	Crossing Guards.....	520	550	30	5.8	0	20	20
63047	Guards.....	15,050	16,800	1,750	11.6	180	380	560
63099	Protective Service Workers, NEC	3,030	3,620	590	19.5	60	210	270
65002	Hosts/Hostesses: Restaurant/Lounge	5,250	6,040	790	15.1	80	160	240
65005	Bartenders	8,250	8,130	-120	-1.5	-10	350	350
65008	Waiters & Waitresses	44,490	48,890	4,400	9.9	440	2,450	2,890
65011	Food Servers	2,020	2,370	350	17.3	40	170	210
65014	Dining Room/Cafeteria Attends/Bar Help	9,730	9,660	-70	-0.7	-10	300	300
65017	Counter Attendants/Lunchroom/Cafeteria	7,820	8,380	560	7.2	60	650	710
65021	Bakers, Bread & Pastry	3,490	3,970	480	13.8	50	90	140
65023	Butchers & Meatcutters, Retail	3,140	2,890	-250	-8.0	-30	70	70
65026	Cooks, Restaurant.....	18,550	21,170	2,620	14.1	260	480	740
65028	Cooks, Institution/Cafeteria.....	11,690	12,040	350	3.0	40	310	350
65032	Cooks, Fast Food	11,870	13,580	1,710	14.4	170	310	480
65035	Cooks, Short Order.....	3,060	3,490	430	14.1	40	80	120
65038	Food Preparation Workers.....	23,450	24,810	1,360	5.8	140	1,290	1,430
65041	Food Prep/Service Workers, Fast Food.....	41,370	44,670	3,300	8.0	330	2,280	2,610
65099	Food Service Workers, NEC	5,580	5,680	100	1.8	10	220	230
66002	Dental Assistants	4,680	6,180	1,500	32.1	150	70	220
66005	Medical Assistants	5,330	7,600	2,270	42.6	230	130	360
66008	Nursing Aides/Orderlies/Attendants	37,520	44,370	6,850	18.3	690	520	1,210
66011	Home Health Aides.....	7,590	10,100	2,510	33.1	250	110	360
66014	Psychiatric Aides	1,400	1,570	170	12.1	20	20	40
66017	Physical Therapy Assistants/Aides	2,100	2,760	660	31.4	70	50	120
66021	Occupational Therapy Assistants/Aides	600	770	170	28.3	20	20	40
66023	Ambulance Drivers/Attendants, Exc EMTs	170	210	40	23.5	0	0	0
66026	Pharmacy Aides.....	1,280	1,480	200	15.6	20	30	50
66099	Health Service Workers, NEC.....	4,600	5,280	680	14.8	70	110	180
67002	Maids & Housekeeping Cleaners.....	23,060	25,340	2,280	9.9	230	430	660
67005	Janitors & Cleaners	42,090	45,130	3,040	7.2	300	910	1,210
67008	Pest Controllers Workers	850	1,070	220	25.9	20	20	40

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		1998 Estimated	2008 Projected	Number	Percent	Growth	Replace- ments	Total
67011	Elevator Operators.....	80	60	-20	-25.0	0	0	0
67099	Cleaning/Building Service Workers, NEC	3,780	3,870	90	2.4	10	80	90
68002	Barbers	240	200	-40	-16.7	0	10	10
68005	Hairdressers/Hairstylists/Cosmetologists....	10,810	10,740	-70	-0.7	-10	280	280
68008	Manicurists	680	790	110	16.2	10	20	30
68011	Shampooers	110	110	0	0.0	0	0	0
68014	Amusement/Recreation Attendants	10,190	12,680	2,490	24.4	250	190	440
68017	Guides	800	950	150	18.8	20	20	40
68021	Ushers/Lobby Attendants/Ticket Takers	2,500	2,850	350	14.0	40	50	90
68023	Baggage Porters/Bellhops	700	730	30	4.3	0	10	10
68026	Flight Attendants.....	3,030	3,540	510	16.8	50	70	120
68028	Other Transportation Attendants.....	610	560	-50	-8.2	-10	10	10
68032	Wardrobe & Dressing Room Attends.....	250	280	30	12.0	0	10	10
68035	Personal/Home Care Aides	7,100	9,450	2,350	33.1	240	190	430
68038	Child Care Workers	15,360	19,240	3,880	25.3	390	150	540
68041	Funeral Attendants	490	550	60	12.2	10	10	20
69999	Service Workers, NEC	9,300	9,860	560	6.0	60	260	320
70000	Agricultural Service/Forestry.....	24,610	29,510	4,900	19.9	480	660	1,140
72002	First Line Supervisors: Ag Services/Forestry ...	800	960	160	20.0	20	10	30
73002	Fallers & Buckers.....	70	80	10	14.3	0	0	0
73008	Log Handling Equipment Operators.....	130	150	20	15.4	0	0	0
73011	Logging Tractor Operators.....	120	140	20	16.7	0	0	0
73099	Timber Cutting/Related Log Workers, NEC	30	30	0	0.0	0	0	0
79002	Forest & Conservation Workers.....	410	430	20	4.9	0	10	10
79008	Log Graders & Scalers	150	170	20	13.3	0	0	0
79011	Graders/Sorters, Agric Products	670	710	40	6.0	0	20	20
79015	Animal Breeders	40	50	10	25.0	0	0	0
79016	Animal Trainers.....	130	160	30	23.1	0	0	0
79017	Animal Caretakers, Exc Farm	2,420	2,960	540	22.3	50	40	90
79021	Farm Equipment Operators	50	60	10	20.0	0	0	0
79033	Pruners	510	660	150	29.4	20	20	40
79036	Sprayers/Applicators.....	370	460	90	24.3	10	10	20
79041	Laborers, Landscaping/Groundskeeping	16,080	19,470	3,390	21.1	340	480	820
79806	Veterinary Assistants	1,070	1,310	240	22.4	20	20	40
79856	Farm Workers, Food/Fiber Crops	70	80	10	14.3	0	0	0
79858	Farm Workers, Farm/Ranch Animals.....	290	380	90	31.0	10	10	20
79999	Agric/Forestry/Fishing Workers, NEC	1,190	1,240	50	4.2	10	40	50
80001	Precision Production/Craft/Repair	314,050	337,120	23,070	7.4	2,290	7,520	9,810
81002	First Line Supervisors: Mechanics/Repair ..	12,580	13,740	1,160	9.2	120	370	490
81005	First Line Supervisors: Construct/Extract....	11,240	13,060	1,820	16.2	180	300	480
81008	First Line Supervisors: Production/Oper ..	15,880	16,090	210	1.3	20	450	470
81011	First Line Supervisors: Transportation	3,460	3,750	290	8.4	30	90	120
81017	First Line Supervisors: Helpers/Laborers....	3,590	3,780	190	5.3	20	100	120
81099	Blue-Collar Worker Supervisors, NEC	5,410	6,050	640	11.8	60	140	200
83002	Inspectors/Testers/Graders, Precision.....	2,650	2,320	-330	-12.5	-30	60	60
83005	Inspectors/Testrs/Gradrs/Samplrs/Weighrs ..	9,150	8,240	-910	-10.0	-90	210	210
83008	Transportation Inspectors	670	670	0	0.0	0	10	10
83099	Inspectors/Testers/Related, NEC	860	920	60	7.0	10	20	30
85110	Industrial Machinery Mechanics.....	7,240	7,790	550	7.6	60	160	220
85112	Machinery Maintenance Mechanics: Textile	70	60	-10	-14.3	0	0	0
85113	Machinery Maintenance Mechanics: Sewing...	210	170	-40	-19.1	0	10	10
85116	Machinery Maintenance Mechanics: Marine....	150	180	30	20.0	0	0	0
85117	Mine Machinery Mechanics	140	130	-10	-7.1	0	0	0
85118	Mach Maint Mechanics: Water/Power	1,540	1,650	110	7.1	10	40	50

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85119	Machinery Maintenance Mechanics, NEC	770	790	20	2.6	0	20	20
85123	Millwrights	1,510	1,520	10	0.7	0	40	40
85126	Refractory Material Repairers	70	70	0	0.0	0	0	0
85128	Machinery Maintenance Workers	1,770	1,860	90	5.1	10	40	50
85132	Maintenance Repairers, General Utility	24,610	26,010	1,400	5.7	140	550	690
85302	Auto Mechanics/Service Technicians	17,890	20,100	2,210	12.4	220	450	670
85305	Automotive Body & Related Repairers	5,540	5,900	360	6.5	40	160	200
85308	Motorcycle Mechanics	270	290	20	7.4	0	10	10
85311	Bus/Truck/Diesel Engine Mechanics	5,700	6,100	400	7.0	40	130	170
85314	Mobile Heavy Equipment Mechanics	1,980	2,200	220	11.1	20	50	70
85317	Rail Car Repairers	330	330	0	0.0	0	10	10
85321	Farm Equipment Mechanics	1,020	1,000	-20	-2.0	0	30	30
85323	Aircraft Mechanics	4,450	4,200	-250	-5.6	-30	90	90
85326	Aircraft Engine Specialists	130	100	-30	-23.1	0	0	0
85328	Small Engine Mechanics	810	850	40	4.9	0	20	20
85502	Central Office/PBX Installers/Repairers	1,360	1,650	290	21.3	30	40	70
85505	Frame Wirers, Central Office	420	370	-50	-11.9	-10	10	10
85508	Telegraph/Teletype Installers/Repairers	40	30	-10	-25.0	0	0	0
85511	Signal/Track Switch Maintainers	130	130	0	0.0	0	0	0
85514	Radio Mechanics	260	240	-20	-7.7	0	10	10
85599	Communication Equip Mechanics, NEC	1,090	1,120	30	2.8	0	30	30
85702	Telephone/Cable TV Installers/Repairers	5,240	6,520	1,280	24.4	130	170	300
85705	Data Processing Equip Repairers	1,320	1,520	200	15.2	20	20	40
85708	Electronic Home Entertain Equip Repairers	620	500	-120	-19.4	-10	20	20
85711	Electric Home Appliance/Power Tool Reprs	770	780	10	1.3	0	20	20
85714	Electric Motor/Transform Repairers	300	280	-20	-6.7	0	10	10
85717	Electronics Reprs, Commercial/Ind Equip	1,340	1,510	170	12.7	20	40	60
85721	Power/Substation/Relay Electrcns	270	260	-10	-3.7	0	10	10
85723	Electric Powerline Installers/Repairers	2,700	2,910	210	7.8	20	60	80
85726	Station Installers/Repairers, Telephone	860	540	-320	-37.2	-30	30	30
85728	Electrical Installers/Repairers Transp Equip	660	630	-30	-4.6	0	20	20
85799	Electric/Electronic Equip Mechanics, NEC	1,080	1,250	170	15.7	20	30	50
85902	Heating/AC/Refrig Mechanics/Installers	5,500	6,480	980	17.8	100	100	200
85905	Precision Instrument Repairers	390	370	-20	-5.1	0	10	10
85908	Medical Equipment Repairers	360	410	50	13.9	10	10	20
85911	Electric Meter Installers/Repairers	300	300	0	0.0	0	10	10
85914	Camera/Photographic Equip Repairers	40	40	0	0.0	0	0	0
85917	Watch Repairers	80	60	-20	-25.0	0	0	0
85921	Musical Instrument Repairers/Tuners	310	330	20	6.5	0	10	10
85923	Locksmiths & Safe Repairers	370	410	40	10.8	0	10	10
85926	Office Mach/Cash Register Servicers	1,110	1,230	120	10.8	10	20	30
85928	Mechanical Control Installers/Repairers	250	270	20	8.0	0	10	10
85932	Elevator Installers & Repairers	420	500	80	19.1	10	10	20
85935	Riggers	70	90	20	28.6	0	0	0
85938	Mobile Home Repairers	680	890	210	30.9	20	20	40
85944	Gas Appliance Repairers	290	280	-10	-3.5	0	10	10
85947	Coin/Vending/Amuse Mach Servicers	630	610	-20	-3.2	0	10	10
85951	Bicycle Repairers	50	60	10	20.0	0	0	0
85953	Tire Repairers & Changers	1,880	2,030	150	8.0	20	80	100
85956	Menders/Garments/Linens/Related	90	100	10	11.1	0	0	0
85999	Mechanics/Installers/Repairers, NEC	4,920	5,280	360	7.3	40	90	130
87102	Carpenters	25,440	27,690	2,250	8.8	230	680	910
87105	Ceiling Tile Installers/Acoustic Carpenters	270	310	40	14.8	0	10	10
87108	Drywall Installers	2,240	2,530	290	13.0	30	30	60
87111	Tapers	980	1,110	130	13.3	10	10	20

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87114	Lathers.....	60	60	0	0.0	0	0	0
87202	Electricians	13,240	14,620	1,380	10.4	140	270	410
87302	Brickmasons/Blockmasons.....	3,890	4,680	790	20.3	80	80	160
87305	Stonemasons.....	230	270	40	17.4	0	10	10
87308	Hard Tile Setters.....	190	210	20	10.5	0	10	10
87311	Concrete Finish/Cement /Terrazzo Wkrs	2,740	2,970	230	8.4	20	30	50
87314	Reinforcing Metal Workers	470	540	70	14.9	10	10	20
87317	Plasterers & Stucco Masons.....	760	930	170	22.4	20	20	40
87402	Painters & Paperhanglers.....	8,530	9,320	790	9.3	80	220	300
87502	Plumbers/Pipefitters/Steamfitters.....	8,590	9,160	570	6.6	60	110	170
87505	Pipelaying Fitters	50	50	0	0.0	0	0	0
87508	Pipelayers	1,130	1,280	150	13.3	20	30	50
87511	Septic Tank Servicers/Sewer Pipe Cleaner	180	200	20	11.1	0	0	0
87602	Carpet Installers.....	1,400	1,520	120	8.6	10	30	40
87605	Floor Layers, Exc Carpet/Wood/Hard Tile	610	750	140	23.0	10	20	30
87608	Floor Sanding Machine Operators	190	220	30	15.8	0	10	10
87702	Air Hammer Operators.....	80	90	10	12.5	0	0	0
87705	Pile Driving Equipment Operators.....	100	120	20	20.0	0	0	0
87708	Paving/Surfacing/Tamping Opers	1,670	1,900	230	13.8	20	40	60
87711	Highway Maintenance Workers	6,000	6,690	690	11.5	70	140	210
87714	Rail-Track Laying/Maint Equip Opers	420	370	-50	-11.9	-10	10	10
87802	Insulation Workers	1,180	1,270	90	7.6	10	40	50
87803	Hazardous Materials Removal Workers	830	1,010	180	21.7	20	20	40
87805	Sheet Metal Duct Installers	960	1,240	280	29.2	30	30	60
87808	Roofers	4,250	4,740	490	11.5	50	150	200
87811	Glaziers	550	570	20	3.6	0	10	10
87814	Structural Metal Workers	1,610	1,850	240	14.9	20	40	60
87817	Fence Erectors	600	720	120	20.0	10	10	20
87899	Construction Trades Workers, NEC.....	1,740	1,980	240	13.8	20	40	60
87902	Earth Drillers, Exc Oil & Gas.....	520	560	40	7.7	0	10	10
87905	Explosive Workers/Ord Hdlg Exptrs/Blasters	90	100	10	11.1	0	0	0
87908	Rock Splitters, Quarry.....	80	110	30	37.5	0	0	0
87923	Roof Bolters, Mining	50	50	0	0.0	0	0	0
87941	Continuous Mining Mach Opers.....	50	60	10	20.0	0	0	0
87943	Mine Cutting/Channeling Mach Opers	50	50	0	0.0	0	0	0
87949	Mining Mach Operators, NEC.....	230	230	0	0.0	0	10	10
87989	Extraction Workers, Exc Helpers, NEC.....	130	130	0	0.0	0	0	0
87999	Construction/Extractive Workers, NEC	2,030	2,270	240	11.8	20	50	70
89102	Tool & Die Makers	3,270	3,240	-30	-0.9	0	60	60
89105	Instrument Makers, Precision	60	60	0	0.0	0	0	0
89108	Machinists	7,590	7,740	150	2.0	20	150	170
89111	Tool Grinders/Filers/Sharpeners.....	630	660	30	4.8	0	20	20
89114	Pattern & Model Makers, Metal.....	40	40	0	0.0	0	0	0
89117	Layout Workers, Metal, Precision	260	280	20	7.7	0	10	10
89121	Shipfitters.....	40	50	10	25.0	0	0	0
89123	Jewelers & Silversmiths	430	430	0	0.0	0	10	10
89126	Hand Workers, Jewelry, Precision	40	40	0	0.0	0	0	0
89128	Etchers/Engravers, Hand/Mach, Precision	110	110	0	0.0	0	0	0
89132	Sheet Metal Workers	4,260	4,790	530	12.4	50	100	150
89135	Boilermakers.....	110	110	0	0.0	0	0	0
89199	Precision Metal Workers, NEC	320	350	30	9.4	0	10	10
89302	Pattern/Model Makers, Wood	180	170	-10	-5.6	0	0	0
89308	Wood Machinists	480	510	30	6.3	0	10	10
89311	Cabinetmakers/Bench Carpenters.....	2,680	2,870	190	7.1	20	30	50
89314	Furniture Finishers.....	460	510	50	10.9	10	10	20

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89399	Precision Woodworkers, NEC.....	210	200	-10	-4.8	0	10	10
89502	Patternmakers/Layout Wkrs, Fabric/Apparel ...	180	150	-30	-16.7	0	0	0
89505	Custom Tailors & Sewers	1,290	1,030	-260	-20.2	-30	20	20
89508	Upholsterers	1,710	1,870	160	9.4	20	40	60
89511	Shoe/Leather Workers/Repairers, Prec	1,500	1,140	-360	-24.0	-40	30	30
89514	Spotters, Dry Cleaning.....	120	130	10	8.3	0	0	0
89517	Pressers, Delicate Fabric.....	390	420	30	7.7	0	10	10
89599	Precision Textile Workers, NEC.....	290	270	-20	-6.9	0	10	10
89702	Compositors/Typesetters, Precision	250	190	-60	-24.0	-10	0	0
89705	Job Printers	450	460	10	2.2	0	10	10
89706	Paste-Up Workers	300	160	-140	-46.7	-10	10	10
89707	Desktop Publishing Specialists.....	510	900	390	76.5	40	10	50
89712	Photoengravers	130	70	-60	-46.2	-10	0	0
89713	Camera Operators	220	150	-70	-31.8	-10	0	0
89715	Scanner Operators	200	200	0	0.0	0	0	0
89717	Film Stripper, Printing	630	420	-210	-33.3	-20	10	10
89718	Platemakers.....	380	360	-20	-5.3	0	10	10
89719	Lithog/Photoengraving Occs, NEC	130	130	0	0.0	0	0	0
89721	Bookbinders.....	110	90	-20	-18.2	0	0	0
89799	Precision Printing Workers, NEC.....	50	50	0	0.0	0	0	0
89802	Slaughterers & Meat Packers	2,750	2,880	130	4.7	10	70	80
89805	Bakers, Manufacturing	2,580	2,710	130	5.0	10	30	40
89808	Food Batchmakers.....	1,720	1,970	250	14.5	30	50	80
89899	Precision Food/Tobacco Workers, NEC	240	280	40	16.7	0	10	10
89902	Foundry Mold/Core Makers, Prec	370	370	0	0.0	0	10	10
89905	Molders/Shapers, Exc Jewelry/Foundry	240	270	30	12.5	0	10	10
89908	Patternmakers/Model Makers/Related Wkrs.....	40	40	0	0.0	0	0	0
89911	Detail Design Decorators/Painters.....	70	70	0	0.0	0	0	0
89914	Photographic Process Workers, Precision.....	410	420	10	2.4	0	20	20
89917	Ophthalmic Laboratory Technicians	200	170	-30	-15.0	0	0	0
89921	Dental Lab Technicians, Precision.....	680	600	-80	-11.8	-10	10	10
89923	Medical Appliance Makers	370	380	10	2.7	0	10	10
89999	Precision Workers, NEC	2,050	2,160	110	5.4	10	60	70
90000	Operators/Fabricators/Laborers	424,490	456,880	32,390	7.6	3,260	9,650	12,910
91102	Sawing Mach Tool Setters/Oper, M/P	440	470	30	6.8	0	10	10
91105	Lathe/Turning Mach Setters/Oper, M/P	1,550	1,420	-130	-8.4	-10	30	30
91108	Drilling/Boring Mach Setters/Oper, M/P	750	630	-120	-16.0	-10	20	20
91111	Milling/Planing Mach Setters/Oper, M/P	230	240	10	4.4	0	10	10
91114	Grinding Mach Setters/Oper, M/P	1,000	900	-100	-10.0	-10	30	30
91117	Machine Tool Cutting Opers, M/P	2,940	2,560	-380	-12.9	-40	70	70
91302	Punching Mach Setters/Oper, M/P	1,270	1,190	-80	-6.3	-10	30	30
91305	Press Mach Setters/Oper, M/P	1,890	2,010	120	6.4	10	40	50
91308	Shear Mach Setters/Oper, M/P	460	500	40	8.7	0	10	10
91311	Extrude/Drawing Setters/Oper, M/P	1,090	1,360	270	24.8	30	30	60
91314	Rolling Machine Setters/Oper, M/P	340	420	80	23.5	10	10	20
91317	Forging Machine Setters/Oper, M/P	300	310	10	3.3	0	10	10
91321	Machine Forming Opers/Tenders, M/P	5,190	5,030	-160	-3.1	-20	130	130
91502	Numerical Control Mach Opers, M/P	1,930	2,370	440	22.8	40	40	80
91505	Comb Mach Tool Settrs/Set-Up Opers, M/P ..	820	930	110	13.4	10	20	30
91508	Comb Mach Tool Opers/Tenders, M/P	2,020	2,320	300	14.9	30	50	80
91702	Welding Mach Setters/Set-Up Opers	940	970	30	3.2	0	20	20
91705	Welding Machine Opers/Tenders	2,430	2,500	70	2.9	10	60	70
91708	Soldering/Brazing Mach Setters/Oper	320	330	10	3.1	0	10	10
91711	Soldering/Brazing Mach Opers/Tenders	170	180	10	5.9	0	0	0
91714	Metal Fabricators, Structural Metal	900	1,000	100	11.1	10	20	30

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91902	Plastic Mold/Cast Mach Setters/opers	810	930	120	14.8	10	20	30
91905	Plastic Mold/Cast Mach Oper/Tenders.....	2,600	3,030	430	16.5	40	70	110
91908	Metal Mold/Core/Cast Mach Setters	550	680	130	23.6	10	10	20
91911	Metal Mold/Core/Cast Mach Opers/Tndrs...	1,840	2,110	270	14.7	30	50	80
91914	Foundry Mold Assembly/Shakeout Wkrs	200	220	20	10.0	0	10	10
91917	Electro Plating/Coat Mach Setters/opers	380	410	30	7.9	0	10	10
91921	Electro Plating/Coat Mach Opers, M/P	880	950	70	8.0	10	20	30
91923	Nonelectro Plating/Coat Mach Setters	110	110	0	0.0	0	0	0
91926	Nonelectro Plating/Coat Mach Opers.....	160	180	20	12.5	0	0	0
91928	Heating Equip Setters/opers, M/P	80	80	0	0.0	0	0	0
91932	Heat Treat/Annealing/Temper Mach Opers	390	420	30	7.7	0	10	10
91935	Furnace Operators & Tenders	360	360	0	0.0	0	10	10
91938	Heaters, Metal/Plastic	40	40	0	0.0	0	0	0
92197	Metal/Plastic Mach Setters/opers, NEC	780	870	90	11.5	10	20	30
92198	Metal/Plastic Mach Opers/Tenders, NEC ...	1,540	1,730	190	12.3	20	40	60
92302	Sawing Mach Setters/Set-Up Opers	240	190	-50	-20.8	-10	10	10
92305	Head Sawyer	240	260	20	8.3	0	10	10
92308	Sawing Machine Opers/Tenders	1,410	1,460	50	3.6	10	40	50
92311	Woodworking Mach Setters, Exc Sawing	450	370	-80	-17.8	-10	10	10
92314	Woodwork Mach Opers/Tendrs, Exc Saw...	1,800	1,520	-280	-15.6	-30	40	40
92510	Print Press Machine Setters.....	340	360	20	5.9	0	10	10
92512	Offset Lithographic Press Opers	1,630	1,390	-240	-14.7	-20	40	40
92515	Letterpress Operators	310	250	-60	-19.4	-10	10	10
92519	Printing Press Setters/opers, NEC	180	170	-10	-5.6	0	0	0
92522	Specialty Material Printing Mach Setters	390	410	20	5.1	0	10	10
92524	Screen Printing Mach Setters/opers	460	470	10	2.2	0	10	10
92525	Bindery Machine Setters/opers	920	940	20	2.2	0	20	20
92529	Printing Setters/Operators, NEC	190	180	-10	-5.3	0	0	0
92541	Typesetting/Composing Mach Opers	310	120	-190	-61.3	-20	10	10
92543	Printing Press Mach Opers/Tenders	3,740	3,960	220	5.9	20	80	100
92545	Photoengrav/Lithog Mach Opers/Tenders	140	110	-30	-21.4	0	0	0
92546	Bindery Machine Operators	1,450	1,460	10	0.7	0	30	30
92549	Printing/Binding/Related Workers, NEC.....	340	350	10	2.9	0	10	10
92702	Textile Machine Setters/Operators	70	50	-20	-28.6	0	0	0
92705	Textile Machine Operators/Tenders	510	440	-70	-13.7	-10	10	10
92708	Extruding/Forming Mach Opers/Tenders	170	230	60	35.3	10	0	10
92714	Textile Bleach/Dye Mach Opers/Tenders	40	30	-10	-25.0	0	0	0
92717	Sewing Machine Opers, Garment	8,020	5,290	-2,730	-34.0	-270	110	110
92721	Sewing Machine Opers, Non-Garment	2,750	2,920	170	6.2	20	40	60
92723	Shoe Sewing Machine Opers/Tenders	350	220	-130	-37.1	-10	10	10
92726	Laundry/Drycleaning Mach Opers	5,270	5,590	320	6.1	30	130	160
92728	Pressing Mach Opers/Tenders, Textiles	1,510	1,300	-210	-13.9	-20	30	30
92902	Electronic Semiconductor Processors	430	470	40	9.3	0	10	10
92905	Motion Picture Projectionists	110	80	-30	-27.3	0	0	0
92908	Photographic Process Mach Opers	1,490	1,090	-400	-26.9	-40	60	60
92911	Tire Building Machine Operators	310	370	60	19.4	10	10	20
92914	Paper Goods Machine Setters/opers	2,370	2,280	-90	-3.8	-10	50	50
92917	Cooking Mach Opers, Food/Tobacco	720	710	-10	-1.4	0	10	10
92921	Roast/Dry Opers/Tenders, Food/Tobacco	380	370	-10	-2.6	0	10	10
92923	Furnace/Kiln/Oven/Drier/Kettle Opers	550	550	0	0.0	0	10	10
92926	Boiler Opers/Tenders, Low Pressure	340	320	-20	-5.9	0	10	10
92928	Cooling/Freezer Equip Opers/Tenders	110	120	10	9.1	0	0	0
92932	Dairy Process Equip Opers/Setters	720	670	-50	-6.9	-10	20	20
92935	Chemical Equip Controllers/opers	2,070	2,160	90	4.4	10	50	60
92938	Chemical Equipment Tenders	400	450	50	12.5	10	10	20

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Occupational Employment

Occupational Code	Title	Employment		Change		Annual Average Openings		
		1998 Estimated	2008 Projected	Number	Percent	Growth	Replace- ments	Total
92941	Cutting/Slicing Machine Setters/opers	580	590	10	1.7	0	10	10
92944	Cutting/Slicing Machine Operers/Tenders.....	1,650	1,760	110	6.7	10	40	50
92947	Painters, Transportation Equip.....	1,170	1,090	-80	-6.8	-10	30	30
92951	Coat/Paint/Spray Mach Setters/opers	1,060	1,150	90	8.5	10	20	30
92953	Coat/Paint/Spray Mach Operers/Tenders	1,730	1,920	190	11.0	20	40	60
92956	Cement/Gluing Mach Operers/Tenders	780	620	-160	-20.5	-20	20	20
92958	Clean/Wash/Pickling Equip Operers/Tenders ...	890	940	50	5.6	10	20	30
92962	Separating/Still Mach Setters/opers	800	770	-30	-3.8	0	20	20
92965	Crush/Grind/Mix Mach Operers/Tenders	4,500	4,720	220	4.9	20	110	130
92968	Extruding/Form/Press Mach Setters/opers ...	910	1,020	110	12.1	10	20	30
92971	Extrude/Form/Press Mach Operers/Tendrs ...	1,750	1,860	110	6.3	10	40	50
92974	Packaging/Filling Mach Operers/Tenders	10,110	10,650	540	5.3	50	260	310
92997	Machine Setters/Setup Opers, NEC	4,250	4,720	470	11.1	50	60	110
92998	Machine Operators/Tenders, NEC.....	10,310	12,870	2,560	24.8	260	150	410
93102	Aircraft Assemblers, Precision	110	80	-30	-27.3	0	0	0
93105	Machine Builder Assemblers, Precision.....	1,610	1,700	90	5.6	10	40	50
93108	Fitters, Structural Metal, Precision	290	250	-40	-13.8	0	10	10
93111	Electromechanical Equip Assemblers	540	530	-10	-1.9	0	10	10
93114	Elec/Electronic Equip Assemblers, Prec....	3,290	3,230	-60	-1.8	-10	70	70
93197	Precision Assemblers, Metal, NEC	1,970	2,040	70	3.6	10	50	60
93902	Machine Assemblers.....	2,640	2,860	220	8.3	20	50	70
93905	Electrical/Electronic Assemblers	5,550	5,430	-120	-2.2	-10	100	100
93908	Coil Winders/Tapers/Finishers	1,100	1,160	60	5.5	10	20	30
93911	Glaziers, Manufacturing	150	170	20	13.3	0	0	0
93914	Welders & Cutters.....	7,610	8,180	570	7.5	60	190	250
93917	Solderers & Brazers	410	420	10	2.4	0	10	10
93921	Pressers, Hand	110	100	-10	-9.1	0	0	0
93923	Sewers, Hand	230	200	-30	-13.0	0	0	0
93926	Cutters & Trimmers, Hand	700	630	-70	-10.0	-10	20	20
93928	Portable Machine Cutters	240	190	-50	-20.8	-10	10	10
93935	Cannery Workers	440	470	30	6.8	0	10	10
93938	Meat/Poultry/Fish Cutters, Hand	4,450	5,640	1,190	26.7	120	100	220
93941	Metal Pourers/Casters, Basic Shape	150	150	0	0.0	0	0	0
93944	Molders & Casters, Hand	310	320	10	3.2	0	10	10
93947	Painting/Coating/Decorating Workers	460	530	70	15.2	10	10	20
93951	Engraving & Printing Workers, Hand	120	120	0	0.0	0	0	0
93953	Grinders & Polishers, Hand	1,240	1,310	70	5.7	10	30	40
93956	Assemblers/Fab, Exc Mach/Elec/Prec	35,210	36,180	970	2.8	100	630	730
93999	Hand Workers, NEC	10,150	11,580	1,430	14.1	140	270	410
95002	Water & Waste Treat Plant Opers.....	2,450	2,820	370	15.1	40	60	100
95005	Gas Plant Operators	80	80	0	0.0	0	0	0
95008	Chemical Plant & System Opers.....	1,300	1,410	110	8.5	10	40	50
95021	Power Generating Plant Operators	570	630	60	10.5	10	20	30
95023	Auxiliary Equipment Opers, Power	160	180	20	12.5	0	10	10
95026	Power Reactor Operators	40	50	10	25.0	0	0	0
95028	Power Distributors/Dispatchers	260	250	-10	-3.9	0	10	10
95032	Stationary Engineers	380	360	-20	-5.3	0	10	10
95099	Plant & System Operators, NEC	2,880	3,300	420	14.6	40	90	130
97102	Truck Drivers, Heavy	42,420	49,220	6,800	16.0	680	610	1,290
97105	Truck Drivers, Light	25,770	30,160	4,390	17.0	440	370	810
97108	Bus Drivers, Transit/Intercity	3,050	3,490	440	14.4	40	60	100
97111	Bus Drivers, School	11,030	12,210	1,180	10.7	120	200	320
97114	Taxi Drivers & Chauffeurs	2,290	2,600	310	13.5	30	40	70
97117	Driver/Sales Workers	7,050	7,250	200	2.8	20	140	160
97199	Motor Vehicle Operators, NEC.....	350	290	-60	-17.1	-10	10	10

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Occupational Employment

Occupational Code	Title	Employment		Change		Annual Average Openings		
		1998 Estimated	2008 Projected	Number	Percent	Growth	Replace- ments	Total
97302	Railroad Conductors/Yardmasters.....	740	790	50	6.8	10	30	40
97305	Locomotive Engineers	960	1,160	200	20.8	20	30	50
97308	Rail Yard Engineers/Dinkey Opers/Hostlers	30	20	-10	-33.3	0	0	0
97311	Locomotive Firers	130	70	-60	-46.2	-10	0	0
97314	Subway & Streetcar Operators	20	20	0	0.0	0	0	0
97317	Railroad Brake/Signal/Switch Opers	390	230	-160	-41.0	-20	10	10
97399	Rail Transportation Workers, NEC.....	20	10	-10	-50.0	0	0	0
97502	Captains, Water Vessels.....	790	860	70	8.9	10	30	40
97505	Mates: Ship/Boat/Barge	210	220	10	4.8	0	10	10
97508	Pilots, Ship	110	120	10	9.1	0	0	0
97511	Motorboat Operators.....	40	50	10	25.0	0	0	0
97514	Seamen, Able	110	110	0	0.0	0	0	0
97517	Seamen, Ordinary & Maine Oilers	110	110	0	0.0	0	0	0
97521	Ship Engineers.....	60	70	10	16.7	0	0	0
97702	Aircraft Pilots/Flight Engineers	2,450	2,320	-130	-5.3	-10	50	50
97802	Bridge/Lock/Lighthouse Tenders	60	50	-10	-16.7	0	0	0
97805	Service Station Attendants.....	3,130	3,130	0	0.0	0	140	140
97808	Parking Lot Attendants.....	2,160	2,810	650	30.1	70	40	110
97899	Transportation Workers, NEC.....	1,760	1,940	180	10.2	20	30	50
97905	Tank Car & Truck Loaders.....	50	50	0	0.0	0	0	0
97914	Main Line Station Engineers	30	30	0	0.0	0	0	0
97917	Gas Pumping Station Operators	30	30	0	0.0	0	0	0
97921	Gas Compressor Operators	50	50	0	0.0	0	0	0
97923	Excavation>Loading Mach Opers	2,730	3,380	650	23.8	70	50	120
97926	Dragline Operators.....	60	70	10	16.7	0	0	0
97928	Dredge Operators/Dipper Tenders.....	70	70	0	0.0	0	0	0
97932	Loading Mach Opers, Mining	80	80	0	0.0	0	0	0
97938	Grader/Bulldozer/Scraper Opers.....	1,470	1,710	240	16.3	20	10	30
97941	Hoist & Winch Operators	330	350	20	6.1	0	10	10
97944	Crane & Tower Operators	720	800	80	11.1	10	20	30
97947	Industrial Truck & Tractor Opers	11,770	12,980	1,210	10.3	120	140	260
97951	Conveyor Operators/Tenders.....	840	910	70	8.3	10	20	30
97953	Pump Operators.....	280	270	-10	-3.6	0	10	10
97956	Operating Engineers	2,840	3,260	420	14.8	40	50	90
97989	Material Moving Equip Opers, NEC	2,060	2,350	290	14.1	30	50	80
97999	Transp/Material Moving Equip Opers, NEC	550	630	80	14.6	10	10	20
98102	Mechanic & Repairer Helpers	3,440	3,770	330	9.6	30	160	190
98311	Brick/Stone Mason Helpers	1,670	1,900	230	13.8	20	80	100
98312	Carpenters/Related Helpers	4,300	4,920	620	14.4	60	200	260
98313	Electricians/Related Helpers	540	500	-40	-7.4	0	30	30
98314	Painters/Paperhangers Helpers	510	560	50	9.8	10	20	30
98315	Plumbers/Related Helpers	1,350	1,470	120	8.9	10	60	70
98316	Roofers Helpers	380	460	80	21.1	10	20	30
98319	Construction Trades Helpers, NEC	2,450	2,730	280	11.4	30	110	140
98323	Extractive Workers Helpers.....	220	220	0	0.0	0	10	10
98502	Machine Feeders & Offbearers	4,250	4,290	40	0.9	0	130	130
98702	Stevedores, Exc Equip Operators.....	60	60	0	0.0	0	0	0
98705	Refuse/Recyclable Material Collectors	1,070	1,050	-20	-1.9	0	40	40
98799	Freight/Stock/Movers, Hand, NEC	20,260	20,410	150	0.7	20	740	760
98902	Hand Packers & Packagers	18,600	22,050	3,450	18.6	350	460	810
98905	Cleaners of Vehicles/Equipment	4,930	5,510	580	11.8	60	160	220
98999	Helpers/Laborers/Movers, NEC	22,590	23,940	1,350	6.0	140	700	840

Detailed occupational data may not sum to totals due to suppression.

NEC: Not Elsewhere Classified

M/P: Metal or Plastic